



Repeater: NØDX 145.190 MHz (Input 144.590 / Tone 192.8 Hz)



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The Eastern Iowa DX Bulletin

Number 246, November 1, 2024

Craig Fastenow, KØCF, Editor

This bulletin is a compilation of **currently active** DX operations (or those that will become active within the current week) from recent issues of the three DX bulletins listed below and other sources. Credit for the source is given at the end of each article.

Articles are ordered by the entity's callsign prefix from the *ARRL DXCC Entities List*. Callsigns used are in **bold** with dates of operation highlighted in **red**. Clickable links are provided for QSL and other information wherever possible. Note that articles may be edited for grammar, language, style and accuracy and will remain in *The Bulletin* while active; articles that are announcements of ongoing operations, or that have no specified end date, will be removed after three weeks.

Also included is a [Propagation](#) section, updated daily; and a [Contest Calendar](#) of upcoming popular contests.

DX News items are courtesy of:

The ARRL DX Bulletin

The bulletin is available at <http://www.arrl.org>

425 DX News, A.R.I. DX Bulletin (425DXN)

Edited by Mauro Pregliasco, I1JQJ & Valeria Pregliasco, IK1ADH

425 DX News Home Page: <https://www.425dxn.org/>

425 DX News Google Group: <https://groups.google.com/g/425eng>

DX Newsletter (DXNL)

Edited by Andreas Salder, DK5ON

A weekly service of DARC Committee "DX", <http://www.darcdxhf.de>

Ohio-Penn DX Bulletin (OPDX)

Edited by Tedd Mirgliotta, KB8NW. Although OPDX is no longer published as a weekly bulletin, Tedd still sends DX news emails.

We will occasionally publish some of them.

Propagation data is from:

National Oceanic and Atmospheric Administration's

[Space Weather Prediction Center](#)

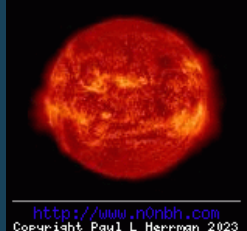
Dr. Tony Phillips' SpaceWeather.com, used by permission

Contest data courtesy of the [WA7BNM Contest Calendar](#)



Solar-Terrestrial Data

02 Nov 2024 1721 GMT
SFI: 256 SN: 218
A-Index: 2
K-Index: 3
X-Ray: C2.9
304A: 174.6 @ SEM
Ptn Flx: 692
Elc Flx: 10600
Aurora: 2/n=1.99
Mag (Bz): 1.8
Solar Wind: 468.4
Geomag Field UNSETTLD
Sig Noise Lvl S2-S3
Current Solar Image



<http://www.nonbh.com>
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DX News

3B9, RODRIGUES I. Kazu, MØCFW is QRV as **3B9/MØCFW** until **November 27th**. Activity is on the HF bands. He will be active as **3B9KW** in the upcoming CQ WW DX SSB Contest (October 26th-27th), and the CQ WW DX CW Contest (November 23rd-24th). QSL via LoTW.
-[ARRL DX Bulletin # 39 October 17, 2024] (1018-1129)

3D2/R, ROTUMA I. Antoine, 3D2AG, will leave for Rotuma on October 19th for a research trip lasting **three to four weeks** (depending on the timing of the return boat in November). In his spare time, he will

operate mostly CW and SSB as **3D2AG/p** on 160-6 meters, with a focus on the higher bands. He hopes to complete the setup and be **on the air by October 25th**, so that he can participate in the CQ WW DX SSB Contest (October 26th-27th). Please note that while on the island he will not have access to the Internet, and that for CW he will use a manual iambic paddle and paper logs, which will be digitized after the trip. QSL via [ClubLog's OQRS](#) and LoTW.

-[425DXN # 1746 October 19, 2024] (1018-1115)

3DA, KINGDOM OF ESOWATINI. Manfred DK1BT, Wolf DL4WK, Annette DL6SAK, Tom DL7BO and Frank DL7UFR will be active as **3DAØDL** from eSwatini from **October 25th to November 9th**. They will operate CW, SSB and digital modes on 160-10 meters with up to five stations. More information can be found on <https://webufr.dl7ufr.selfhost.eu/3da> (logsearch and OQRS included). Upload to LoTW "within 6 months after the DXpedition". QSL via [DL7UFR](#).

-[425DXN # 1741 September 14, 2024] (1025-1108)

5H, TANZANIA. Maurizio, IK2GZU will be active again as **5H3MB** from Tanzania from **October 10th to November 11th**, while doing volunteer work at a local school. In his spare time, he will operate SSB, CW and digital modes on 80-10 meters. QSL via [ClubLog's OQRS](#), LoTW and eQSL, or via [IK2GZU](#).

-[425DXN # 1741 September 14, 2024] (1004-1115)

5R, MADAGASCAR. Janusz, SP9FIH as **5R8WE** and Leszek, SP6CIK as **5R8CI** will be active from Nosy Be (AF-057), Madagascar from **October 23rd to November 6th**. They will operate CW, SSB and FT8 (also SuperFox for 5R8CI) on 40-10 meters with two stations and a focus on 12 and 10 meters. QSLs via [ClubLog's OQRS](#).

-[425DXN # 1743 September 28, 2024] (1018-1108)

5R, MADAGASCAR. Eric, F6ICX will be active again as **5R8IC** from Sainte-Marie Island (AF-090), Madagascar from **October until the end of the year**. He will operate mainly CW on 40-10 meters; during the last two weeks of December he will also be QRV on the QO-100 satellite. QSL via LoTW, [ClubLog's OQRS](#), or via [F6ICX](#).

-[425DXN # 1742 September 21, 2024] (0927-0103)

6Y, JAMAICA. Neil, GØRNU will be QRV as **6Y/GØRNU** from Jamaica, as the last stop of his Caribbean tour, from **October 23rd until November 6th** on 40-6m (SSB, digital modes). For more information see: <https://www.qrz.com/db/6Y/GØRNU>. QSL via eQSL.

-[DXNL # 2429 October 23, 2024] (1025-1108)

7Q, MALAWI. Don, K6ZO, reports about a new radio amateur in Malawi, 17-year-old Mwabi Mughogho, whose callsign is **7Q2MM**. He is active on SSB and FT8 and is also learning CW. QSL only via OQRS.

-[DXNL # 2430 October 30, 2024] (1101-1122)

8Q, MALDIVES. Tom, OE1TRI will be QRV as **8Q7TR** from Kagi Island (AS-013) from **November 2nd to 7th**. QSL to [OE1TRI](#).

-[ARRL DX Bulletin # 41 October 31, 2024] (1101-1108)

8R, GUYANA. Aldir, PY1SAD will be active as **8R1TM** from Georgetown, Guyana from **October 12th to November 24th**. He will operate CW, SSB and digital modes on all bands and via satellite. QSL via LoTW, eQSL, QRZ Logbook, or direct to [PY1SAD](#).

-[425DXN # 1743 September 28, 2024] (1011-1129)

9M6, EAST MALAYSIA. Saty, JE1JKL will be active again as **9M6NA** from Labuan Island (OC-133), East Malaysia from **October 23rd to November 25th**. He will participate in the CQ WW DX SSB Contest (October 26th-27th) (SOAB LP) and the CQ WW DX CW Contest (November 23rd-24th) (SOAB HP). QSL via LoTW and [ClubLog's OQRS](#).

-[425DXN # 1745 October 12, 2024] (1018-1129)

CARIBBEAN TOUR. Alex, EA8DBM, tours the Caribbean and stops according to the following itinerary:

November 1-3. **PJ7/EA8DBM**,

November 4-9. **PJ5/EA8DBM**,

November 10-13. **FS/EA8DBM**,
 November 14-18. **FJ/EA8DBM**,
 November 19-24. **KP4/EA8DBM**

QSL direct to [EA8DBM](#), via bureau to LY5CA, or LoTW.

-[DXNL # 2430 October 30, 2024] (1101-1129)

CARIBBEAN TOUR. Rudy, DK7PE, tours the Caribbean during November with stops as. **VP2MCW**, **V4/DK7PE**, **ZF2PE**, **PJ4/DK7PE/p**.

-[DXNL # 2430 October 30, 2024] (1101-1129)

CE9, ANTARCTICA. David, F4FKT will be QRV as **FT4YM** from Concordia Base (AN-017) from November until the end of January 2025. Activity will be on 20, 17, and 15 meters. He also plans to be active from the Zuccheli and Cassey bases on 40 meters. QSL via [F5PFP](#).

-[ARRL DX Bulletin # 41 October 31, 2024] (1101-1122)

CN, MOROCCO. Members of the Association Royale des Radio Amateurs du Maroc will be active on various bands and modes as **CN49MS** from Laayoune until November 15th. The special callsign commemorates the 49th anniversary of the so-called Marche Verte (Green March), a mass demonstration in support of the restoration of the Moroccan Sahara and the conclusion of Spanish colonial rule. QSL via [CN8WW](#), OQRS, LoTW, eQSL.

-[425DXN # 1747 October 26, 2024] (1101-1115)

DL, GERMANY. Special callsign **DM7ØDXMB** will be activated by DARC Team SES to mark the 70th anniversary of DARC's DX Newsletter DXMB (DX-Mitteilungsblatt) from November 1st to December 13. All QSOs will be confirmed automatically via the bureau; direct cards via [DL2VFR](#).

-[425DXN # 1748 November 2, 2024] (1101-1213)

D4, CAPE VERDE. Claudio, HB9OAU will be QRV as **D44OA** from Sal Island (AF-086) from October 24th to November 5th. Activity will be holiday style on 40 to 6 meters using CW and SSB. This includes being an entry in the upcoming CQ WW DX SSB contest (October 26th-27th). QSL via LoTW.

-[ARRL DX Bulletin # 39 October 17, 2024] (1018-1108)

DL, GERMANY. Special callsign **DF2ØDCL** marks the 20th anniversary of the DARC Community Logbook for DARC Team SES from October 18th to November 29th. The DCL is a web-based application system for a wide range of DARC awards: <https://dcl.darc.de/public/>. QSL: All QSOs will be confirmed automatically via the bureau; or QSL direct via [DL2VFR](#).

-[425DXN # 1747 October 26, 2024] (1025-1129)

DXCC TOP TWENTY. Here are the top 20 entities on ClubLog's "DXCC Most Wanted" list as of November 1, 2024:

1. P5	DPRK (North Korea)	11. ZS8	Prince Edward & Marion Islands
2. BS7H	Scarborough Reef	12. KH4	Midway Island
3. CEØX	San Felix Islands	13. VKØM	Macquarie Island
4. BV9P	Pratas Island	14. PYØS	Saint Peter and Paul Rocks
5. KH7K	Kure Island	15. KP5	Desecheo Island
6. KH3	Johnston Island	16. VPØS	South Sandwich Islands
7. 3Y/P	Peter 1 Island	17. ZL9	New Zealand Subantarctic Islands
8. FT5/X	Kerguelen Island	18. FK/C	Chesterfield Islands
9. YVØ	Aves Island	19. VKØH	Heard Island
10. 3Y/B	Bouvet Island	20. FT/T	Tromelin Island

For the complete list, see <https://clublog.org/mostwanted.php>

-[KØCF November 1, 2024] (1101-1122)

E5/S, SOUTH COOKS IS. Stan, LZ1GC and Ted LZ5QZ will be active as **E51SGC** from Rarotonga (OC-013), South Cook Islands on November 6th-24th. They will operate CW, SSB, FT4, FT8 and RTTY on 160-6 meters with three stations and a focus on 160, 80 and 60m. More information will be available on <https://www.c21gc.com/>. QSL via [ClubLog's OQRS](#) (preferred), LoTW, or via [LZ1GC](#).

-[425DXN # 1737 August 17, 2024] (1101-1129)

E6, NIUE. Jacek, SP5EAQ will be QRV as **E6AQ** from October 22nd to November 9th. This includes being an entry in the upcoming CQ WW DX SSB contest (October 26th-27th). QSL via [SP7DQR](#).

-[ARRL DX Bulletin # 39 October 17, 2024] (1018-1108)

EA8, CANARY IS. Mike, DF8AN is QRV as **EA8/DF8AN** from La Gomera (EU-004) **until November 11th**. Activity is on 80 to 6 meters using CW and various digital modes while here testing antennas. QSL to [DF8AN](#).

-[ARRL DX Bulletin # 41 October 31, 2024] (1101-1115)

EUROPEAN DX FOUNDATION 38 YEARS. The following special event Callsigns celebrate the EUDXF anniversary **during November**: **VK38EUDXF** (VK2WN/SP7WT), **DU38EUDXF** (DV1K), **DLØEUF**, **HA38EUDXF** (HA5MA), **ON38EUDXF** (ON6CC), **PA38EUDXF** (PA1AW), **PB38EUDXF** (PB5X), **PC38EUDXF** (PC5F), **PD38EUDXF** (PD4RD), **PF38EUDXF** (PB7Z), **PG38EUDXF** (PG5M), **PH38EUDXF** (PA3GVQ), **PI38EUDXF** (PI4COM), **PE38EUDXF**.

-[DXNL # 2430 October 30, 2024] (1101-1129)

F, FRANCE. The Radio Club Vendéen (F6KUF) will be active as **TM1ØVG** on **November 3rd-17th** to celebrate the tenth edition of the Vendee Globe, which Will set sail from Les Sables d'Olonne on November 10th. The Vendee Globe is the only round-the-world single-handed yacht race that is sailed non-stop and without assistance. QSL via F6KUF (bureau), [F5ØEV](#) (direct), eQSL for QSOs on digital modes.

-[425DXN # 1747 October 26, 2024] (1101-1115)

F, FRANCE. To commemorate the 80th anniversary of the liberation of Wingles during WWII (September 2, 1944), the local radio club (F4KLR) will be active as **TM8ØLW** on **August 31st, September 2nd and for another 13 days until November 9th**. All SSB and CW QSOs will be confirmed automatically via the bureau and eQSL; FT8 QSOs will be confirmed via eQSL.

-[425DXN # 1738 August 24, 2024] (0830-1108)

FG, GUADELOUPE. Philippe, F1DUZ, will be active as **FG4KH** from **October 22nd to November 6th**. For the CQ WW DX SSB Contest (October 26th-27th) he will be joined by M5RIC, GW4XUM, K1XX, and W1MD using the contest callsign **TO2X**. QSL via LoTW, eQSL, or via [F1DUZ](#).

-[DXNL # 2428 October 16, 2024] (1018-1108)

FJ, ST. BARTHELEMY. Al, W6HGF, Ed, K4HGF, Sandy, KQ4WBB and Sheri, KK4PHS are QRV as **FJ/W6HGF** and **FJ/K4HGF** from **November 1st to 6th**. Activity is holiday style on the HF bands using all modes. QSL FJ/W6HGF via [W6HGF](#) and FJ/K4HGF via [K4HGF](#).

-[ARRL DX Bulletin # 41 October 31, 2024] (1101-1108)

FR, REUNION I. Jean-Marc, F5SGI will be active as **FR/F5SGI** from Reunion Island (AF-016) on **November 7th-18th**. He will operate CW only on 40-10 meters. All QSOs will be confirmed automatically via the bureau and LoTW.

-[425DXN # 1748 November 2, 2024] (1101-1122)

FY, FRENCH GUIANA. Sebastien, F8DQZ will be active as **FY/F8DQZ** from Macouria, French Guiana from **October 28th to November 8th**. This will be a spare time operation on the HF bands. QSL direct to [F5ØZC](#).

-[425DXN # 1747 October 26, 2024] (1025-1108)

GM, SCOTLAND. Members of the GMØPYM radio club activate callsign **GSØPYM** on Eilean Buidhe Island (EU-005), one of Scotland's smallest inhabited islands, from **November 1st to 4th**. QRV on 80-10m (CW, SSB, FT8) with 2 rigs. QSL direct via [GMØPYM](#), OQRS, LoTW, eQSL.

-[DXNL # 2430 October 30, 2024] (1101-1108)

HR, HONDURAS. Alex, K6VHF will be QRV as **K6VHF/HR9** from Roatan Island (NA-057, from **November 3rd to 9th**. Activity is on the HF bands using mainly digital modes. QSL via [K6VHF](#).

-[ARRL DX Bulletin # 41 October 31, 2024] (1101-1108)

HR, HONDURAS. K1XM, K2TR, KQ1F, N2WQ and W1UE will participate in the CQ WW DX SSB Contest (October 26th-27th) as **HQ9X** from Roatan Island (NA-057), Honduras. They will be there on **October 19th-29th**, with "some operation" also from **October 29th until November 15th**. QSL via [KQ1F](#).

-[425DXN # 1746 October 19, 2024] (1018-1115)

HS, THAILAND. Special event station **HS19IARU** will be active from **October 12th to November 10th** for the 19th IARU Region 3 Conference to be hosted in Bangkok by the Radio Amateur Society of Thailand (November 4th-8th, <https://www.iarur3conf2024.org>). QSL via LoTW and [ClubLog's OQRS](#).
-[425DXN # 1745 October 12, 2024] (1011-1115)

I, ITALY. Celebrating the 100th anniversary of the start of regular radio broadcasting in Italy (October 6, 1924), ARI local branches across Italy will be using special callsigns from **October 1st to December 29th**. The callsigns will be in the format **I#Rxyz** (e.g. I19RCAT for ARI Catania) and **IR#Rxyz** (e.g. IR1RVDB for ARI Valbormida). In addition, special event station **I1MRTV** will be active from the RAI Radio and Television Museum in Torino. Certificates and electronic QSLs will be available for download from the HamAward platform (direct link from each special callsign's qrz.com page).
-[425DXN # 1743 September 28, 2024] (0927-1227)

JA, JAPAN. Take, JI3DST is active as **JS6RRR** from Miyako Island (AS-079) **until November 25th**, including activity during the CQ WW DX SSB and CW contests. Other callsigns to be used are **JI3DST/6**, **JJ5RBH/6** and **JR8YLY/6** on CW and SSB, as well as **JI3DST/p**, **JJ5RBH/p** and **JR8YLY/p** on FT8. QSOs will be made available for ClubLog and LoTW Matching on the IOTA website.
-[425DXN # 1744 October 5, 2024] (1004-1129)

JD1/O, OGASAWARA. Once again Makoto, JI5RPT will be active as **JD1BLY** from Chichijima (AS-031), Ogasawara on **November 7th-10th**. He will operate FT8, CW and SSB on 40-6 meters and satellites, with a focus on GreenCube and FT8 on the HF bands. QSL via LoTW, [ClubLog's OQRS](#), eQSL, or direct to [JI5RPT](#).
-[425DXN # 1747 October 26, 2024] (1101-1115)

JD1/O, OGASAWARA. Koutarou, JP1IHD will be QRV as **JD1BQP** from Chichijima Island (AS-031) from **October 21st to November 3rd**. Activity will be on 15 to 6 meters using SSB, FT8, and FT4. This includes an entry in the upcoming CQ WW DX SSB contest (October 26th-27th). QSL direct to [JP1IHD](#).
-[ARRL DX Bulletin # 39 October 17, 2024] (1018-1108)

KH2, GUAM. Robert, N2OEF will be active as **KH2/N2OEF** from Guam (OC-026) on **November 6th-13th**. The "primary focus of this trip will be activating parks for the Parks on the Air (POTA) program", he says. He will operate mainly SSB; "if conditions require", he "may switch to digital modes". Updates will be posted to <https://www.qrz.com/db/KH2/N2OEF>. QSL via LoTW (preferred), or direct to [N2OEF](#).
-[425DXN # 1748 November 2, 2024] (1101-1115)

KH9, WAKE I. Tom, NL7RR is QRV as **NL7RR/KH9** **until November 11th**. Activity is in his spare time, around 0600 to 0800z, on 20-meter SSB. QSL via LoTW.
-[ARRL DX Bulletin # 40 October 24, 2024] (1025-1115)

LU, ARGENTINA. Members of the Radio Club QRM Belgrano will be QRV as **LU4AAO** from **November 2nd to 10th** to commemorate Dia de la Tradicion which celebrates the birthday of Jose Hernandez. Activity will be on the HF and V/UHF bands using SSB, FM, SSTV, and FT8. For more information see. http://lu4aao.org/cert_dia_tradicion_2024.htm. QSL via [LU4AAO](#).
-[ARRL DX Bulletin # 41 October 31, 2024] (1101-1115)

ON, BELGIUM. The ONZ Oostkust Radioclub (ON6HC) will be active on all bands and modes as **OT8ØCLM** **until November 11th**. The special callsign's suffix stands for Canadian Liberation March, the annual event that celebrates the liberation of the town of Knokke on (November 1, 1944). See <https://www.onz.be/ot80clm-award-request/> for the certificate. QSL via eQSL.
-[425DXN # 1747 October 26, 2024] (1101-1115)

PA, NETHERLANDS. Members of Radio Club Limburg will be active as **PF16F** until November 30th (<https://rclb.nl/pf16f>). This special event is intended to be a "Farewell to the Fighting Falcon", as the Royal Netherlands Air Force has officially retired its F-16 jets after 45 years of service. All QSOs will be confirmed automatically via the bureau, direct cards should be sent to [PD8RW](#).
-[425DXN # 1747 October 26, 2024] (1101-1129)

PA, NETHERLANDS. Special callsign **PH8ØLIB** will be in use from various locations from **September 11th until November 10th** to commemorate the 80th anniversary of the liberation of southern Netherlands in the autumn of 1944. Activity will be on 80-10 meters SSB, CW and digital modes. See <https://www.qrz.com/db/PH8ØLIB> for detailed information. QSL via the bureau.
-[425DXN # 1740 September 7, 2024] (0906-1108)

PJ7, SINT MAARTEN. Ed, N2HX, plans to put Sint Maarten (NA-105) on the air from **October 20th to December 27th** as **PJ7PL**, including the CQ WW DX SSB Contest (October 26th-27th), the CQ WW DX CW Contest (November 23rd-24th) and ARRL 10-Meter Contest (December 14th-15th). QSL via [N2HX](#).
-[DXNL # 2428 October 16, 2024] (1018-1227)

PY, BRAZIL. Special callsign **ZV2RB** will be used by the Liga de Amadores Brasileiros de Radio Emissao (LABRE) to celebrate Brazilian Amateur Radio Day (November 5th). Look for activity on all bands and modes, and via satellite, on **November 3rd-10th**. A certificate will be available, see <https://www.qrz.com/db/ZV2RB> for information. November 5, 1924, is when Decree no. 16657 was signed, regulating amateur radio in Brazil. QSL via LoTW.
-[425DXN # 1748 November 2, 2024] (1101-1115)

PY, BRAZIL. Special station **PR5LM** will be active on various bands and modes, and on QO-100, throughout the **month of November** in honor of the memory of Father Roberto Landell de Moura (1861-1928), a pioneer of wireless audio transmission. QSL via [SP7CVW](#) and LoTW.
-[425DXN # 1747 October 26, 2024] (1101-1129)

PZ, SURINAME. Members of the Royal Netherlands Army Signal Regiment (PI4VBD) will be active again as **PZ5JT** during the annual Jungle Warfare Training course in Suriname for **a few weeks in October-November**. The operators will be QRV in their spare time on 40, 20, 17, 15 and 10m SSB using military equipment. QSL direct to [PI4VBD](#).
-[425DXN # 1743 September 28, 2024] (1018-1122)

SM, SWEDEN. Members of the Gotland Radio Club, SK1BL, will be active **in November** as **SE8ØTG** to commemorate the 80th anniversary of the "Hansa" tragedy. The "Hansa" was a Swedish passenger ship, in use on the route between the mainland and Visby. She was torpedoed and sunk by a Soviet submarine during World War II (November 24, 1944); 84 people died and only two survived. QSL via the bureau.
-[425DXN # 1747 October 26, 2024] (1101)

TI9, COCOS I. Sources report that Jose, TI2JJP, is currently active from Cocos Island (NA-012) as **TI9/TI2JJP**. During an early period of FT8 operation he erroneously signed TI9/I2JJP and is working on correcting that mistake. So far, he has been active on 10m.
-[DXNL # 2428 October 16, 2024] (1018-1108)

TR, GABON. Roland, F8EN (ex CN8EM, FO8BV, 3C3CR), who is 96 years old now, is currently back on the air as **TR8CR**. QRV on CW **until the end of January**. Log search on <http://LesNouvellesDX.fr/voirlogs.php>. QSL via [F6AJA](#).
-[DXNL # 2430 October 30, 2024] (1101-1122)

V3, BELIZE. Tom, AK2G will be active as **V31TL** from Belize from **November 5th to 14th**. First (**November 5th-8th**) he will be QRV mainly from POTA sites BZ-0057 (Altun Ha Archeological Reserve) and BZ-0067 (Community Baboon Sanctuary); then (**November 10-14**) he "will be on the ocean and heading to BZ-0075 (Half Moon Caye Marine Reserve) and possibly BZ-0072 (Turneffe Atoll Marine Reserve). QSL direct to [AK2G](#).
-[425DXN # 1748 November 2, 2024] (1101-1115)

V4, ST. KITTS & NEVIS. Once again John, W5JON will be active as **V47JA** from St. Kitts (NA-104) on **November 6th-15th**. He will operate SSB and FT8 on various bands. QSL via LoTW, or direct only to [W5JON](#).
-[425DXN # 1748 November 2, 2024] (1101-1115)

V4, ST. KITTS & NEVIS. Yuri, VE3DZ will be active as **V4/VE3DZ** from St. Kitts (NA-104) from **October 23rd to November 3rd**. He will participate in the CQ WW DX SSB Contest (October 26th-27th) as V48K. QSL via LoTW, [ClubLog's OQRS](#), or via [VE3DZ](#).
-[425DXN # 1745 October 12, 2024] (1018-1108)

V5, NAMIBIA. Members of Amateur Radio DXpeditions will be active as **V55LA** from Namibia from **October 30th to November 11th**. The team includes LA3BO, LA7THA, LA7WCA, LA8OM, LA9KKA, LB1FI, LB1QI, LB5GI, LB8DC and OE7PGI. They will operate CW, SSB and digital modes on the HF bands, with up to seven stations and a focus on the low bands. Full LoTW upload 6 months after the DXpedition. See <https://www.ardxpeditions.com/dxpeditions/v55la> for information and <https://www.facebook.com/groups/3093983840726129> for updates. QSL via [MØOXO's OQRS](#).
-[425DXN # 1745 October 12, 2024] (1025-1115)

V5, NAMIBIA. Gunter, DK2WH is QRV as **V51WH** from Omaruru **until November 12th**. Activity is on 160 to 10 meters, including 60 meters, using SSB, FT8, and possibly CW. He will be active as **V55Y** in various contests. QSL to [DK2WH](#).
-[ARRL DX Bulletin # 35 September 19, 2024] (0920-1115)

V7, MARSHALL IS. Don, KW7R is QRV as **V73KW** **until September 2025**. Activity is in his spare time on the HF bands using mostly CW and FT8. QSL via LoTW.
-[ARRL DX Bulletin # 39 October 17, 2024] (1018-1108)

VK9C, COCOS (KEELING) IS. The OM7M and Czech Expedition Club (OK2ZA, OK6DJ, OM3PC, OM4AYL, OM4MM, OM4MW, OM5RW, and OM5ZW), together with VK5GR, will be active as **VK9CV** from the Cocos (Keeling) Islands (OC-003) **until November 15th**. They will operate SSB, CW, RTTY and FT8 on 160-6 meters, and via QO-100, from three different operating sites. See <https://vk9cv.com/> for more information; updates will be posted also to <https://www.facebook.com/groups/489325376829131>. QSOs will be uploaded to ClubLog and LoTW. QSL via [OK6DJ](#).
-[425DXN # 1741 September 14, 2024] (1101-1115)

VU, INDIA. Special event station **AT78I** is QRV **until November 13th** to celebrate 78 years of independence for India. Activity is on the HF bands using CW and SSB. QSL via [VU2JOS](#).
-[ARRL DX Bulletin # 31 August 22, 2024] (0823-1115)

XT, BURKINA FASO. In addition to 160-6m all-mode operations and 2m EME digi, **XT2MD**, the Mediterraneo DX Club's DXpedition to Burkina Faso (**October 31st - November 11th**), will also offer all-mode QSOs via satellite (QO-100). The operator will be Richard, GI4DOH, who "will be more than happy" to arrange skeds (contact him via qrz.com email address). Unfortunately, the air freight of the necessary equipment will increase the cost of the expedition, which is already over budget. Supporting XT2MD with your donations is now more important than ever: <https://www.mdxc.support/xt2md/>. QSL via information at [XT2MD](#) or via [IK2VUC](#).
-[425DXN # 1739 August 31, 2024] (1025-1115)

YJ, VANUATU. Chris, VK2YUS will be QRV as **YJØCA** from Efate Island (OC-035) from **October 23rd to November 4th**. Activity will be on 40 to 10 meters using SSB. This includes an entry in the upcoming CQ WW DX SSB contest (October 26th-27th). QSL direct to [VK2YUS](#).
-[ARRL DX Bulletin # 39 October 17, 2024] (1018-1108)

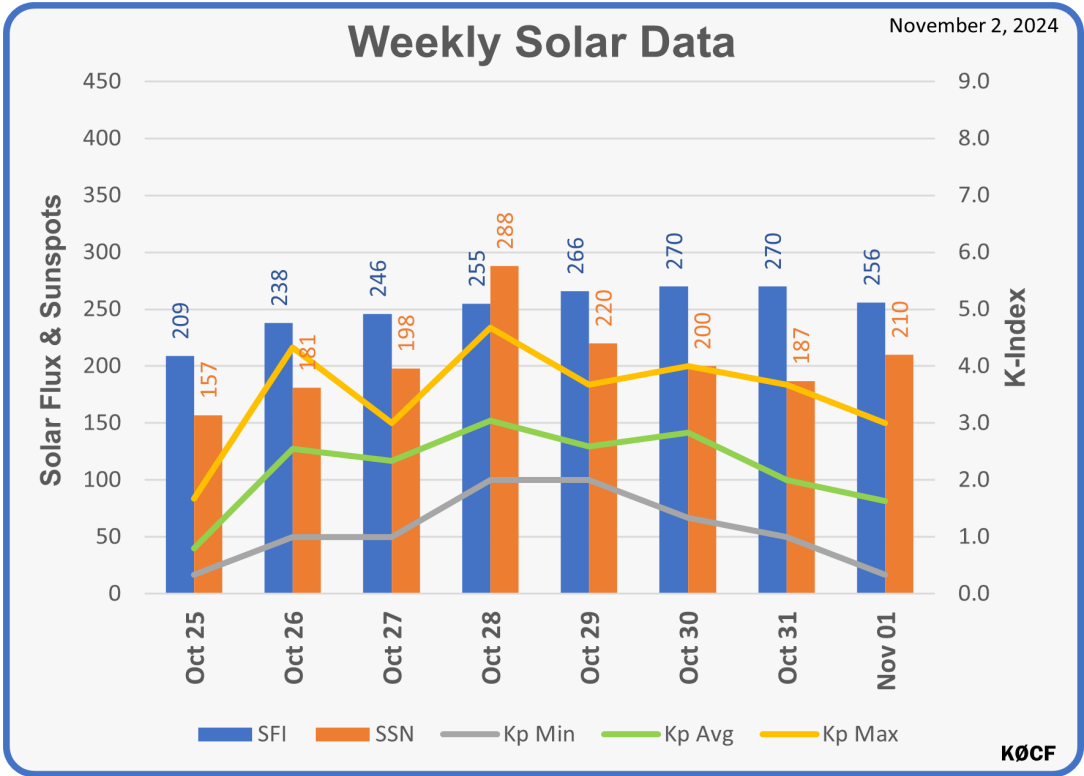
ZD7, SAINT HELENA. JM1GDA as **ZD7G** and JF3SFU as **ZD7SFU** will be active holiday style from ZD7CTO's rental shack on Saint Helena Island (AF-022) on **November 2nd-22nd**. They will operate mainly FT8 (F/H) with some SSB and slow CW on 160-10 meters. QSL via LoTW, [ClubLog's OQRS](#), or direct: ZD7G via [JM1GDA](#) and ZD7SFU via [JF3SFU](#).
-[425DXN # 1747 October 26, 2024] (1101-1122)

ZD7, ST. HELENA. Oliver, W6NV will be QRV as **ZD7W** in the CQ WW DX SSB contest (**October 26th-27th**) and upcoming CQ WW DX CW contest (**November 23rd-24th**). QSL to [W6NV](#).
-[ARRL DX Bulletin # 40 October 24, 2024] (1025-1129)

ZF, CAYMAN IS. Andriy, W9KM will be active holiday style as **ZF2KM** from Grand Cayman (NA-016) on **November 5th-12th**. He will operate CW and digital modes with a focus on 30, 17 and 12 meters. QSOs will be uploaded to LoTW and ClubLog.
-[425DXN # 1748 November 2, 2024] (1101-1115)

ZL, NEW ZEALAND. Special event station **ZM1ØØDX** will be QRV from **September 29th to December 26th** to celebrate the very first trans-world QSO between Z4AA and G2SZ. Activity will be on 160 to 6 meters using all modes. In addition, special event station **ZL4AA** will also be active for this event. QSL via operators' instructions.
-[ARRL DX Bulletin # 36 September 26, 2024] (0927-1227)

Propagation (Updated daily)



The Weekly Solar Data chart plots Solar Flux Index (SFI), Sunspot number (SSN) and Planetary K-Index (Kp) for the past 8 days. With 8 Planetary K-index readings each day, only the minimum, average and maximum K-index values are plotted. **Note:** You may click [here](#) or on the chart above to see the same data for the past month.

The Daily Solar Flux Index, Sunspot number, Planetary K-index, Solar Flux predictions and Solar Flare data used in this bulletin have been collected by KØCF from from the U.S. Department of Commerce's NOAA Space Weather Prediction Center.

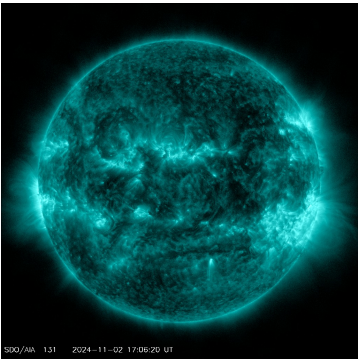
The propagation graphs above are the creations of KØCF and are unique in space weather reporting.

Please Note: The graphs are high resolution .PNG files which you may view in greater detail using your browser's "zoom" feature. Alternatively, right click on the graph and select "Open Image in New Tab" to enlarge it, or "Save Image As..." to save it to your computer for further analysis.

NASA's current view of the Sun at a wave-length of 131 Angstroms. This wavelength shows

incredible solar detail.

Click [here](#) or on the image to view as a full screen 48-hour video loop. It is fascinating!



Propagation Summary

For the 8 day period from Friday, October 25th through yesterday, November 1st.

The average solar flux was 257, up 78 points from the previous week, with a weekly high of 270 on Thursday, October 31st, following a low of 209 on October 25th.

The average sunspot count was 212, up 82 from last week, peaking at 288 on Monday, October 28th after a weekly low of 157 on October 25th.

The Planetary K-index weekly average was 3.5 with a maximum of 4.7 on Monday, October 28th, resulting in generally quiet geomagnetic conditions. Yesterday's K-index maximum was 3.0 with generally quiet conditions.

Solar flare activity since October 26th has been very high with 18 major flares, the largest of which was a major X 2.0 event on Thursday, October 31st.

Propagation Data

Major solar flares, Saturday, October 26th through 1403 UTC, November 2nd.

#	Date	UTC	Mag.
1	Nov 02	0831	M 1.2
2	Nov 01	1431	M 2.0
3	Nov 01	1252	M 1.3
4	Nov 01	1014	M 1.1
5	Nov 01	0216	M 1.3
6	Oct 31	2120	X 2.0
7	Oct 31	1254	M 2.4
8	Oct 31	0937	M 1.3
9	Oct 30	2053	M 7.2
10	Oct 29	1633	M 1.1
11	Oct 28	1628	M 4.2
12	Oct 28	1444	M 1.2
13	Oct 28	0409	M 1.3
14	Oct 27	2324	M 2.8
15	Oct 26	1416	M 1.6
16	Oct 26	1206	M 2.8
17	Oct 26	0719	X 1.8
18	Oct 26	0623	M 9.5

(NOAA's graph of recent flare activity: [GOES-X-Ray-Flux](#))

From the NOAA Space Weather Prediction Center, here are the probabilities of major solar flares and the predicted 10.7 cm Solar Flux for the next 3 days. NOAA updates this information daily.

Date	M-Flares	X-Flares	Solar Flux
Nov 2	75%	35%	260
Nov 3	75%	35%	250
Nov 4	75%	35%	240

Looking farther ahead, here is the NOAA Space Weather Prediction Center forecast of 10.7 cm radio flux and maximum Planetary K-index (Kp) for the next 12 days. This data is updated by NOAA every Monday (last updated on October 28, 2024).

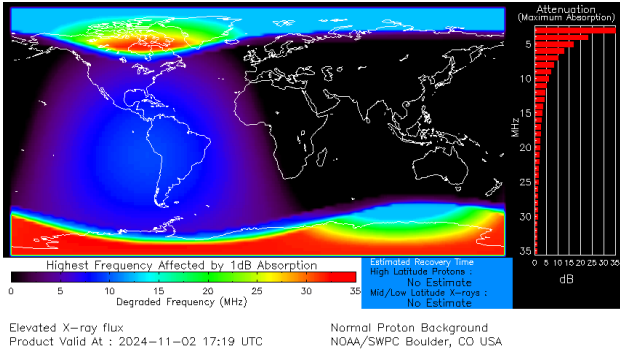
Date	Flux	Kp
Nov 2	240	2
Nov 3	240	2
Nov 4	230	2
Nov 5	220	2

Date	Flux	Kp
Nov 6	216	2
Nov 7	214	2
Nov 8	214	2
Nov 9	195	2

Date	Flux	Kp
Nov 10	182	2
Nov 11	172	4
Nov 12	168	4
Nov 13	174	3

Global D Region Absorption

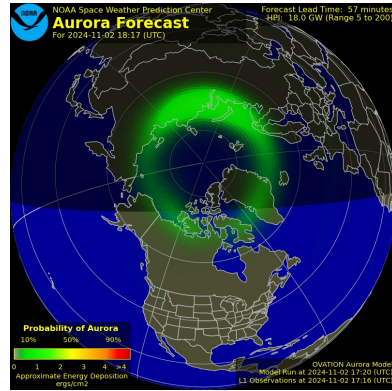
Conditions in the D-region of the ionosphere have a dramatic effect on HF communications. The D-Region Absorption map combines the effects of solar particles and photons. Yellow to red colors on the map depict increasing signal attenuation, where the bar chart at the right displays attenuation versus frequency. Click the thumbnail below for an animated map of D-Region Absorption:



The Aurora Borealis

The aurora is not only beautiful to see but can have a profound impact on HF and VHF radio propagation. For the HF operator, auroras can result in a complete shut-down of propagation. However, on VHF, auroras present interesting DX possibilities. Beam antennas are very desirable and should be pointed north, towards the aurora. Signals are reflected by “back-scatter” and will be distorted with a rough buzz. SSB is the best voice mode to use, but copy can be difficult. CW will have a rough buzzy sound but be perfectly copyable. Click the thumbnail below for an animated map of

aurora versus time:



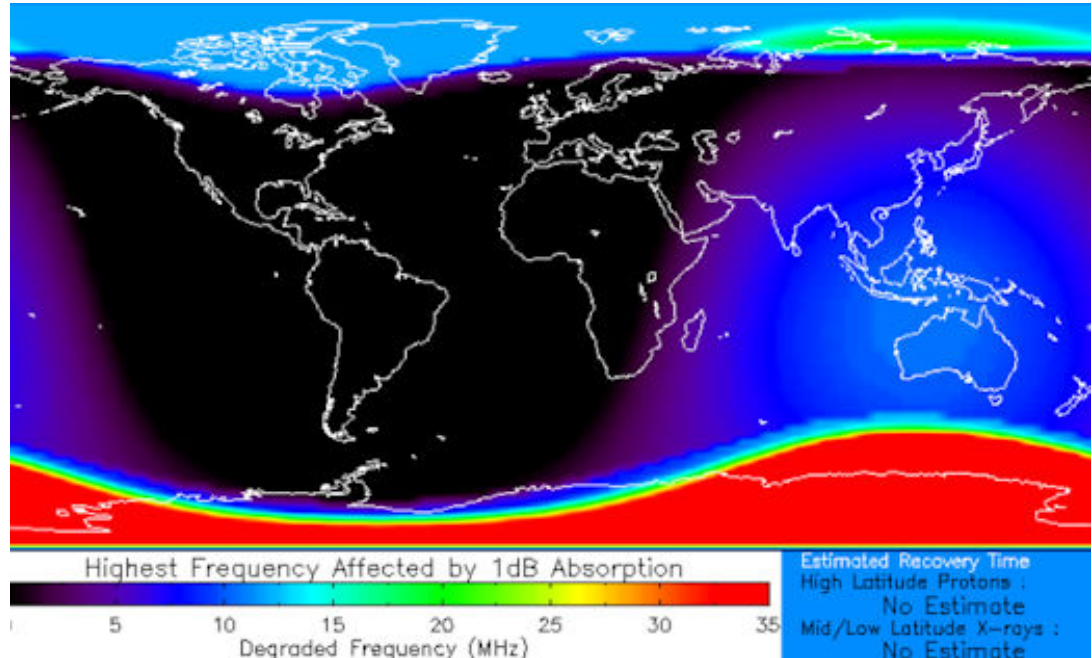
Highs for Cycle 25

Solar Flux: 336 on August 8, 2024.

Sunspots: 382 on August 10, 2024.

South Pole Radio Blackout

For the 7th day in a row, energetic protons from the sun are raining down on Earth. It's an almost S1-class radiation storm, resulting from the collective action of three X-class solar flares since Oct. 24th. These protons are causing a shortwave radio blackout inside the Antarctic Circle:



The red zones show where shortwave radio transmissions are strongly damped by atmospheric ionization. Why south? Because it's spring in the southern hemisphere, The South Pole is tipped toward the sun and intercepting more solar protons. Almost all of Antarctica is therefore under blackout conditions.

(Copyright © [SpaceWeather.com](https://www.spaceweather.com) November 2, 2024. Republished by permission.)

Popular Propagation web sites

<https://prop.kc2g.com/> (Excellent Maximum Usable Frequency map)

NOAA <https://www.swpc.noaa.gov/>

<https://www.spaceweather.com/>

<https://www.solarham.com/>

<https://dx.qsl.net/propagation/>

A Propagation Tutorial

The solar X-ray flux tracks solar activity and solar flares. Solar flux, which can vary from as low as 50 to as high as 300, influences the level of ionization in the F2 region of the ionosphere, providing a very good prediction of HF DX conditions. The higher the solar flux, the better conditions will be for the

higher HF frequencies and even 6 meters. However, the levels need to be maintained for some days to allow ionization in the F2 layer to build up. A solar flux of 150 results in good HF band conditions, while levels of 200 and up can provide great conditions.

Large X-ray flares on the sun can increase the ionization of the D layer of the ionosphere (a lower layer) on the sunlit side of the Earth, greatly attenuating or blocking HF radio transmissions for up to a half hour. Solar flares often produce Coronal Mass Ejections (CMEs) which, if Earth directed, can lead to geomagnetic storms. Some large flares are also accompanied by strong radio bursts that may interfere with other radio frequencies and cause problems for satellite communication and radio navigation (GPS).

The Planetary K-index is a measure of the magnitude of geomagnetic storms and is an excellent indicator of disturbances in the Earth's magnetic field. A level of 1 or 2 represents quiet geomagnetic conditions; a reading of 3 or 4 may cause some propagation deterioration; 5 and 6 are minor to moderate geomagnetic storms; and 7 to 9 are strong, severe, and extreme storm conditions. Strong geomagnetic storms can trigger Auroral displays and cause HF radio blackouts. Higher geomagnetic activity also has the adverse effect of lowering maximum usable frequencies, much like lower solar flux does.

For best conditions, the solar flux should be above 150 for a few days with the K index below 2. When these conditions are met, some good DX is likely!
-[Compiled from information on NOAA.gov and other sources]

Contest Calendar

Weekly Contests

Contest	Start UTC		End	Web Site
K1USN Slow Speed Test	Monday	0000Z	0100Z	Rules
ICWC Medium Speed Test	Monday	1300Z	1400Z	Rules
	Monday	1900Z	2000Z	
	Tuesday	0300Z	0400Z	
CWops Test (CWT)	Wednesday	1300Z	1400Z	Rules
	Wednesday	1900Z	2000Z	
	Thursday	0300Z	0400Z	
	Thursday	0700Z	0800Z	
Weekly RTTY Test	Friday	0145Z	0215Z	Rules
NCCC CW Sprint (NS)	Friday	0230Z	0300Z	Rules

Note: Start Days are in UTC, e.g. Monday at 0000 UTC is Sunday at 7:00 PM in the Central Daylight Saving Time zone, or Sunday at 6:00 PM in the Central Standard Time zone.

Full Calendar

Contest	Start		End		Web Site
Ukrainian DX Contest	Nov 2	1200Z	Nov 3	1200Z	Rules
ARRL Sweepstakes Contest, CW	Nov 2	2100Z	Nov 4	0300Z	Rules
WAE DX Contest, RTTY	Nov 9	0000Z	Nov 10	2359Z	Rules

10-10 Int. Fall Contest, Digital	Nov 9	0001Z	Nov 10	2359Z	Rules
JIDX Phone Contest	Nov 9	0700Z	Nov 10	1300Z	Rules
OK/OM DX Contest, CW	Nov 9	1200Z	Nov 10	1200Z	Rules
North American SSB Sprint Contest	Nov 10	0000Z	Nov 10	0400Z	Rules
LZ DX Contest	Nov 16	1200Z	Nov 17	1200Z	Rules
ARRL Sweepstakes Contest, SSB	Nov 16	2100Z	Nov 18	0300Z	Rules
CQ Worldwide DX Contest, CW	Nov 23	0000Z	Nov 24	2400Z	Rules
ARRL 160-Meter Contest	Dec 6	2200Z	Dec 8	1600Z	Rules
ARRL 10-Meter Contest	Dec 14	0000Z	Dec 15	2359Z	Rules
OK DX RTTY Contest	Dec 21	0000Z	Dec 21	2400Z	Rules
Croatian DX Contest	Dec 21	1400Z	Dec 22	1400Z	Rules
ARRL Rookie Roundup, CW	Dec 22	1800Z	Dec 22	2359Z	Rules
RAC Winter Contest	Dec 28	0000Z	Dec 28	2359Z	Rules
Stew Perry Topband Challenge	Dec 28	1500Z	Dec 29	1500Z	Rules
ARRL RTTY Roundup	Jan 4	1800Z	Jan 5	2400Z	Rules
ARRL Kids Day	Jan 4	1800Z	Jan 4	2359Z	Rules
YB DX Contest	Jan 11	0000Z	Jan 11	2359Z	Rules
North American QSO Party, CW	Jan 11	1800Z	Jan 12	0600Z	Rules
Hungarian DX Contest	Jan 18	1200Z	Jan 19	1200Z	Rules
North American QSO Party, SSB	Jan 18	1800Z	Jan 19	0600Z	Rules
ARRL January VHF Contest	Jan 18	1900Z	Jan 20	0359Z	Rules
CQ 160-Meter Contest, CW	Jan 24	2200Z	Jan 26	2159Z	Rules
BARTG RTTY Sprint	Jan 25	1200Z	Jan 26	1200Z	Rules
Winter Field Day	Jan 25	1700Z	Jan 26	1700Z	Rules
Vermont QSO Party	Feb 1	0000Z	Feb 2	2400Z	Rules
10-10 Int. Winter Contest, SSB	Feb 1	0001Z	Feb 2	2359Z	Rules
Mexico RTTY International Contest	Feb 1	1200Z	Feb 2	2359Z	Rules
Minnesota QSO Party	Feb 1	1400Z	Feb 1	2400Z	Rules
British Columbia QSO Party	Feb 1	1600Z	Feb 2	2400Z	Rules
North American Sprint, CW	Feb 2	0000Z	Feb 2	0359Z	Rules

-[Contest data courtesy of the [WA7BNM Contest Calendar](#)]